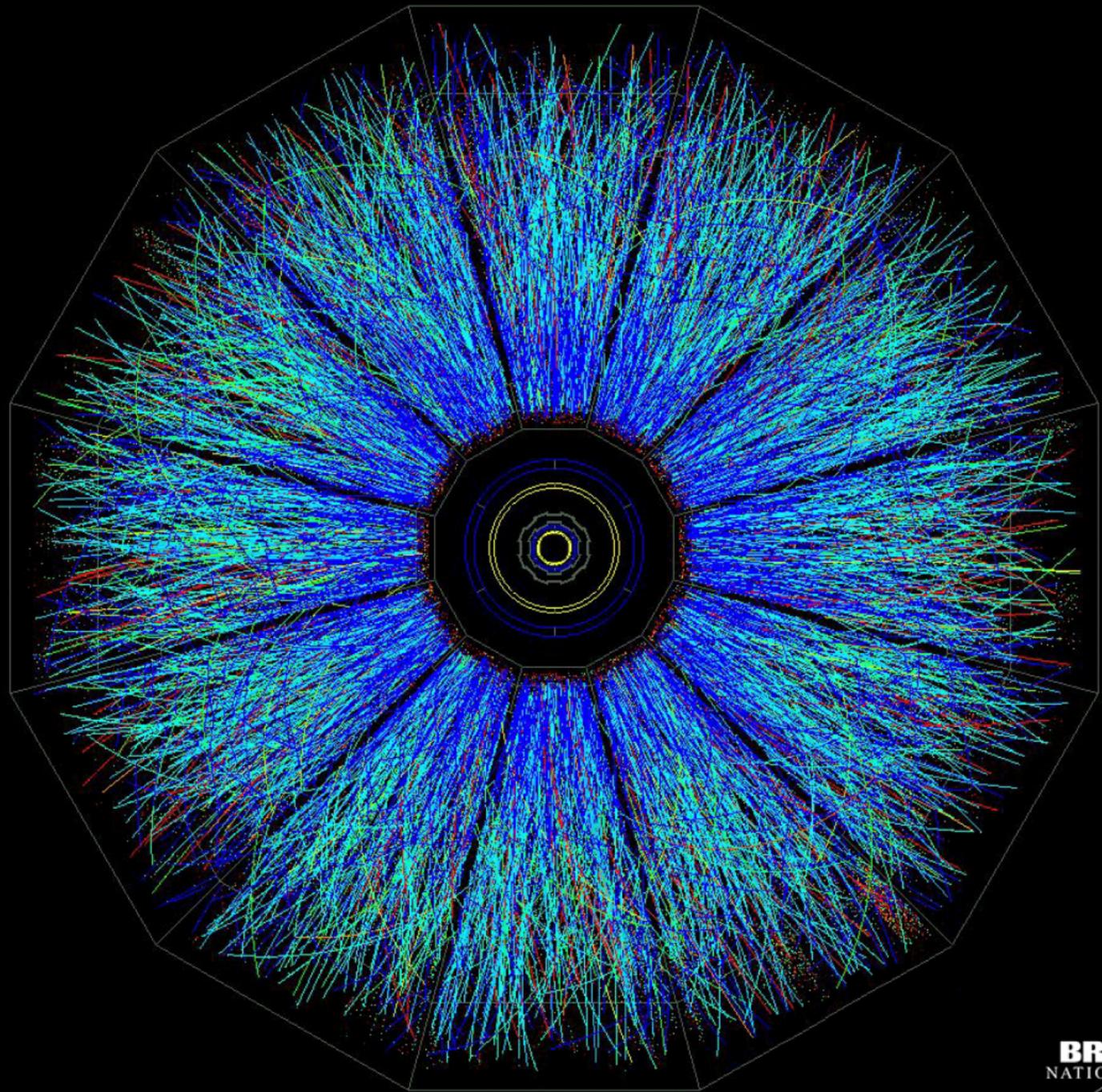


# STAR Status Update

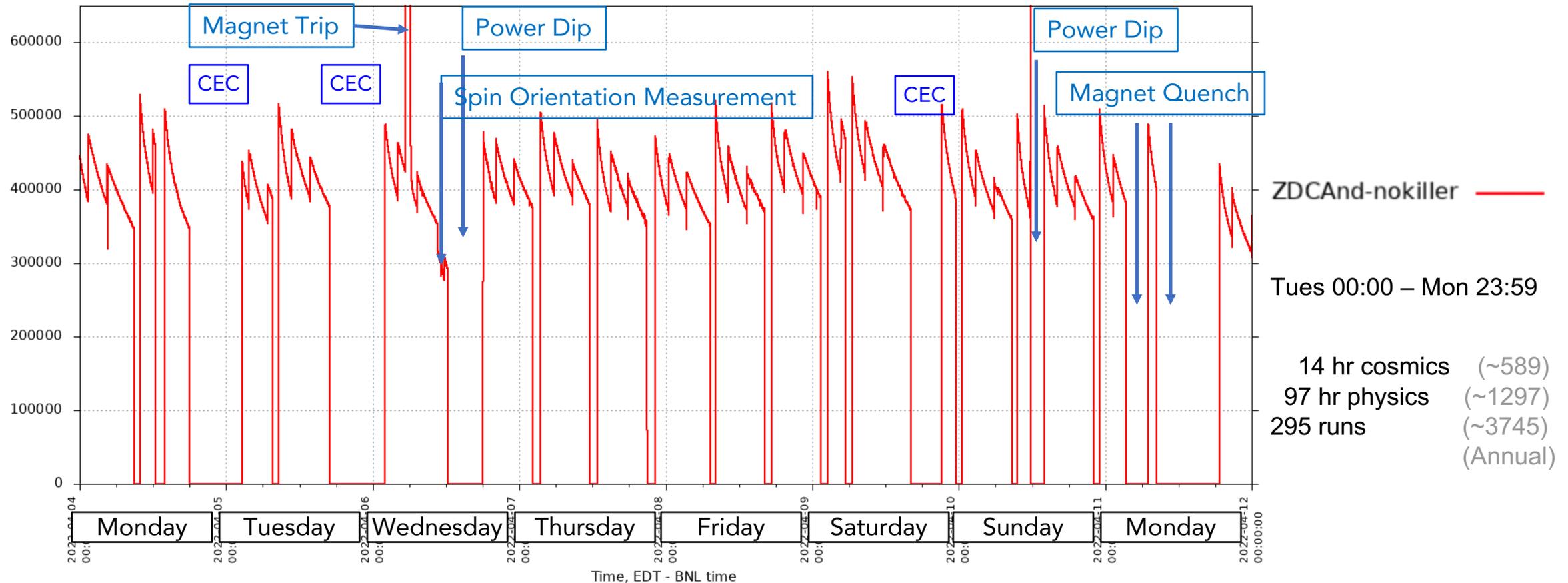
Wlodek Guryn

April 12, 2022

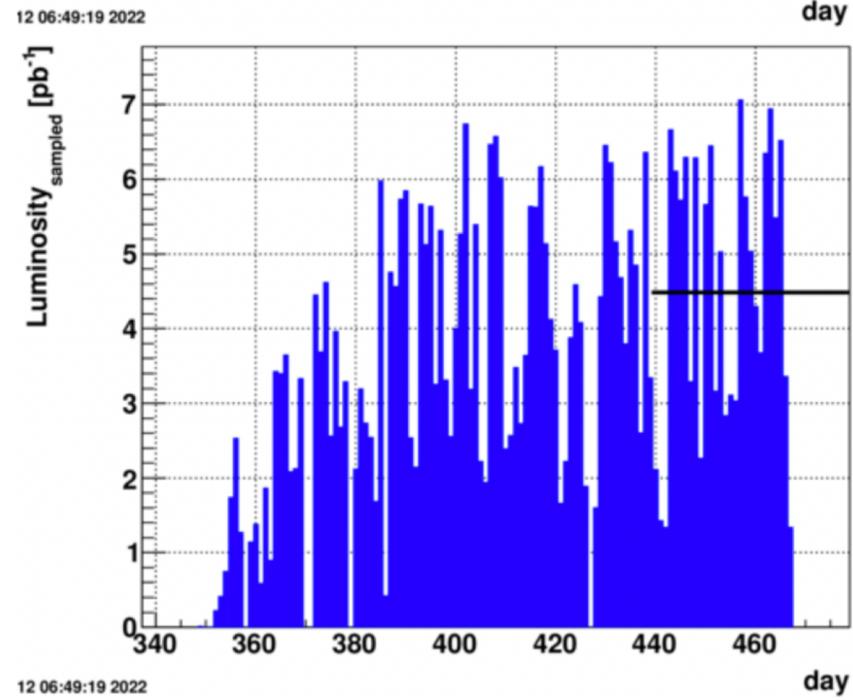
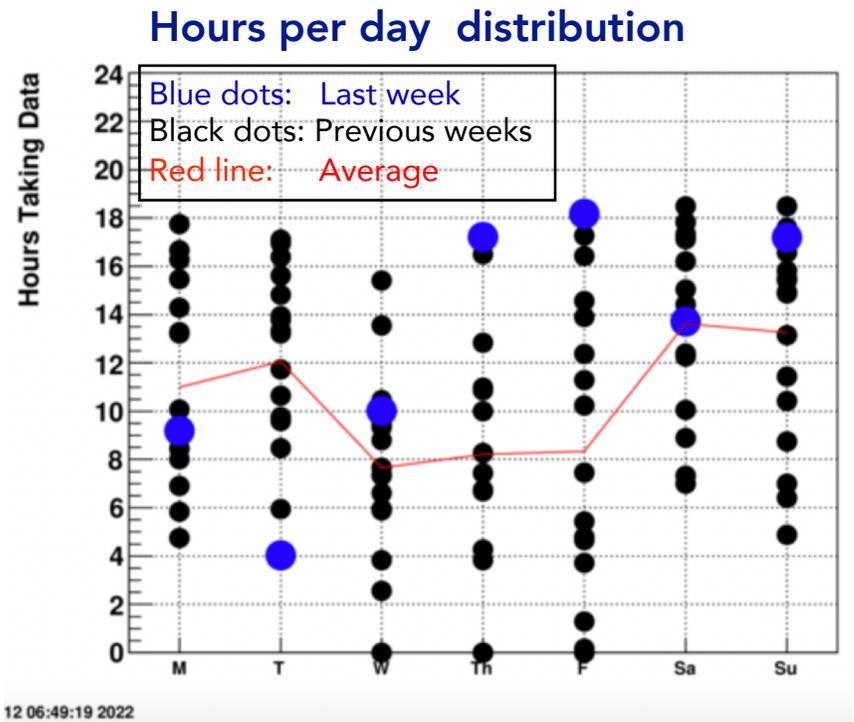
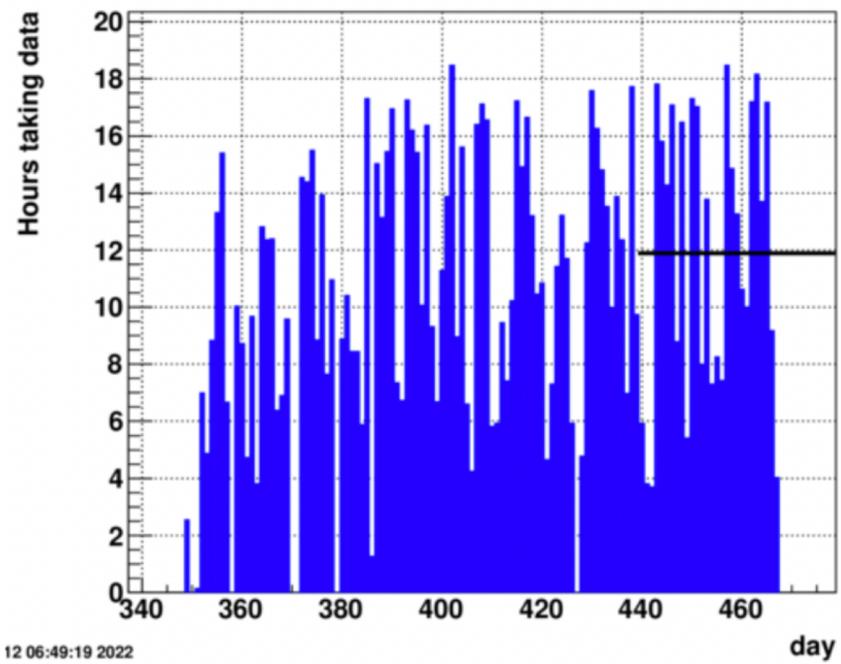


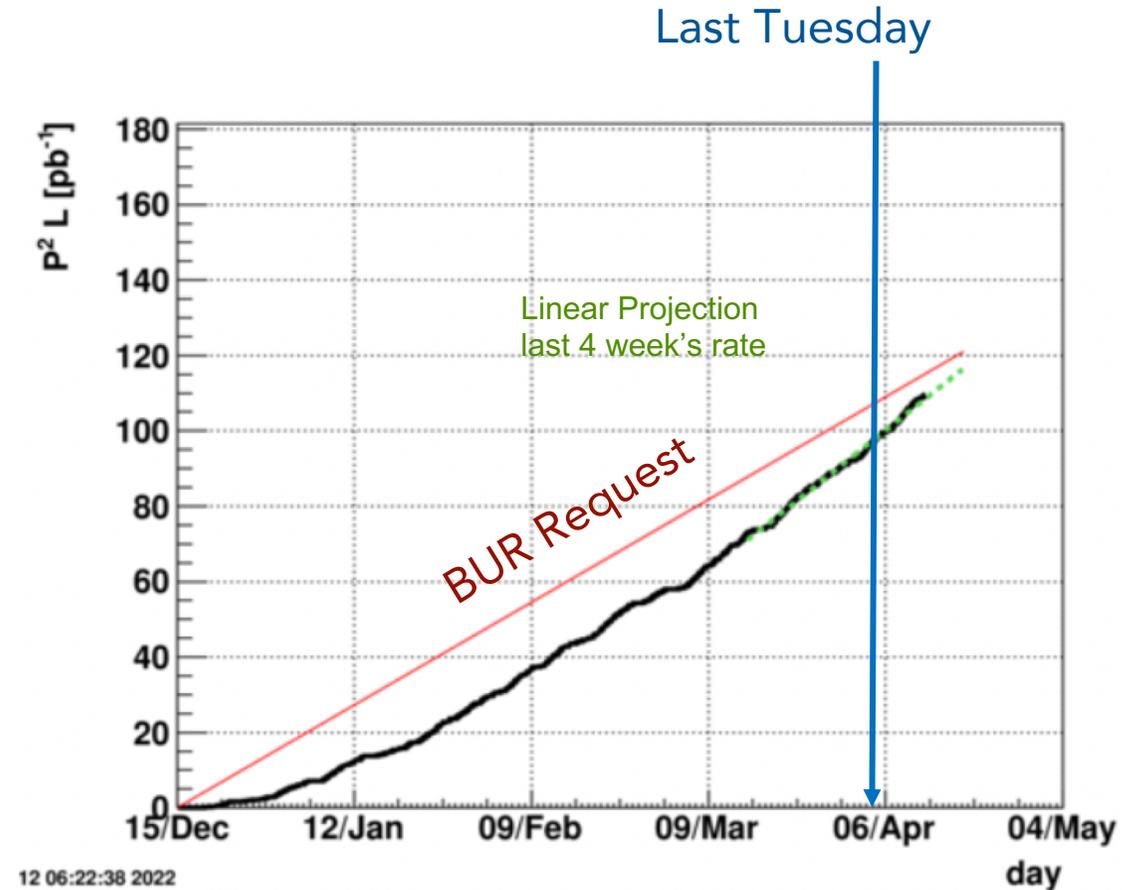
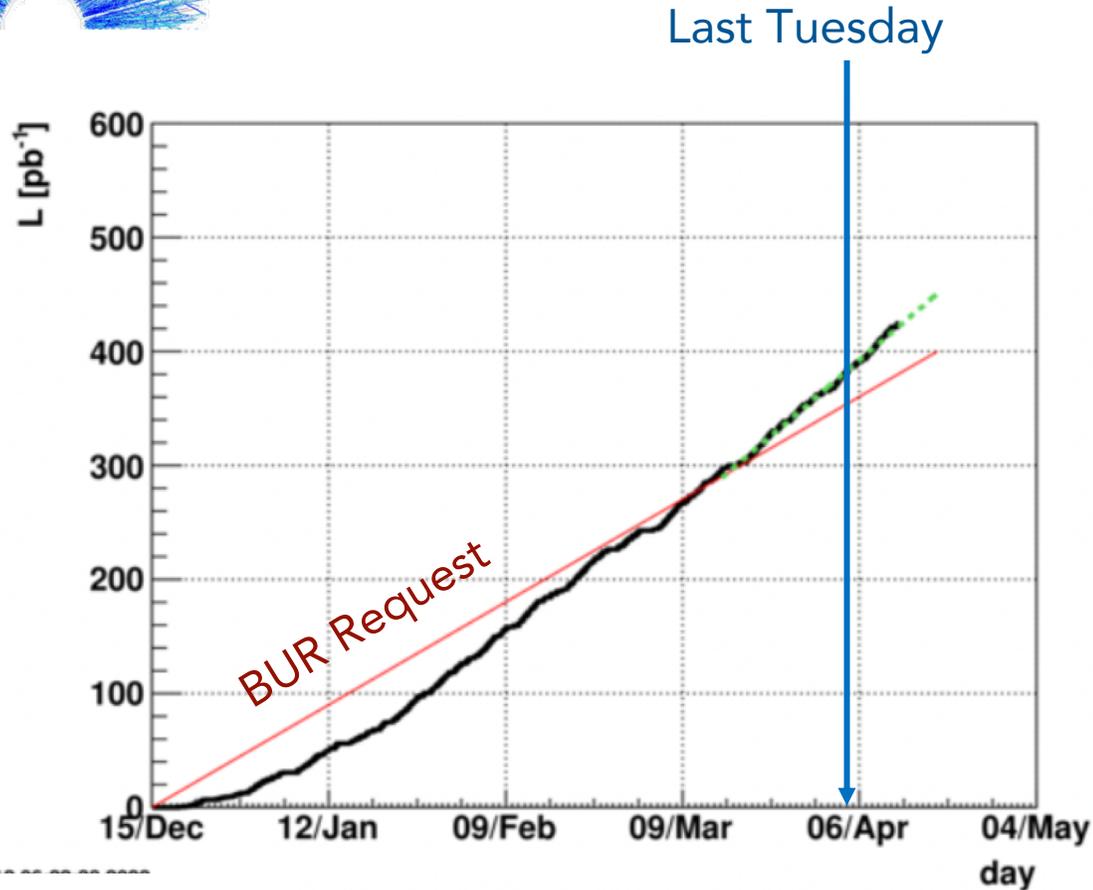
## Overview for the week

- Requested lower ZDC rate lower, extracted AGS current lower,
- Polarization generally ~ 55%

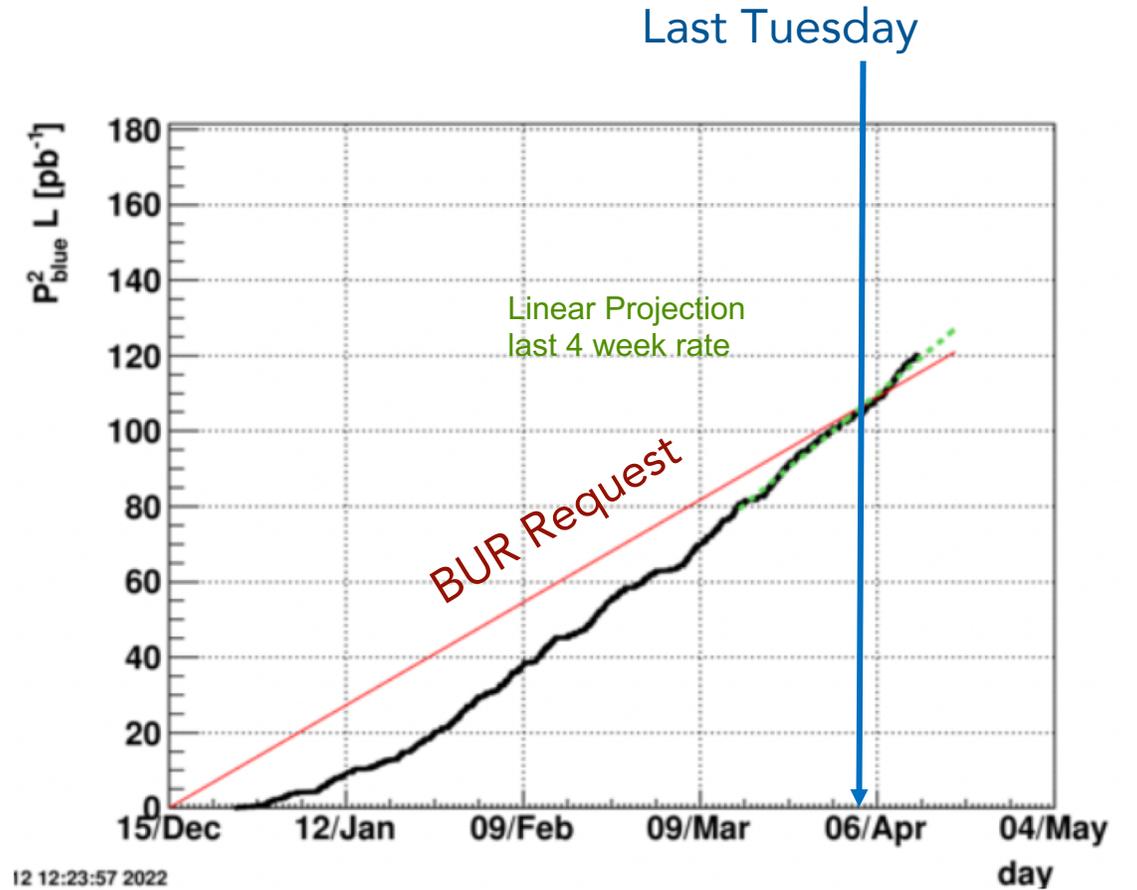
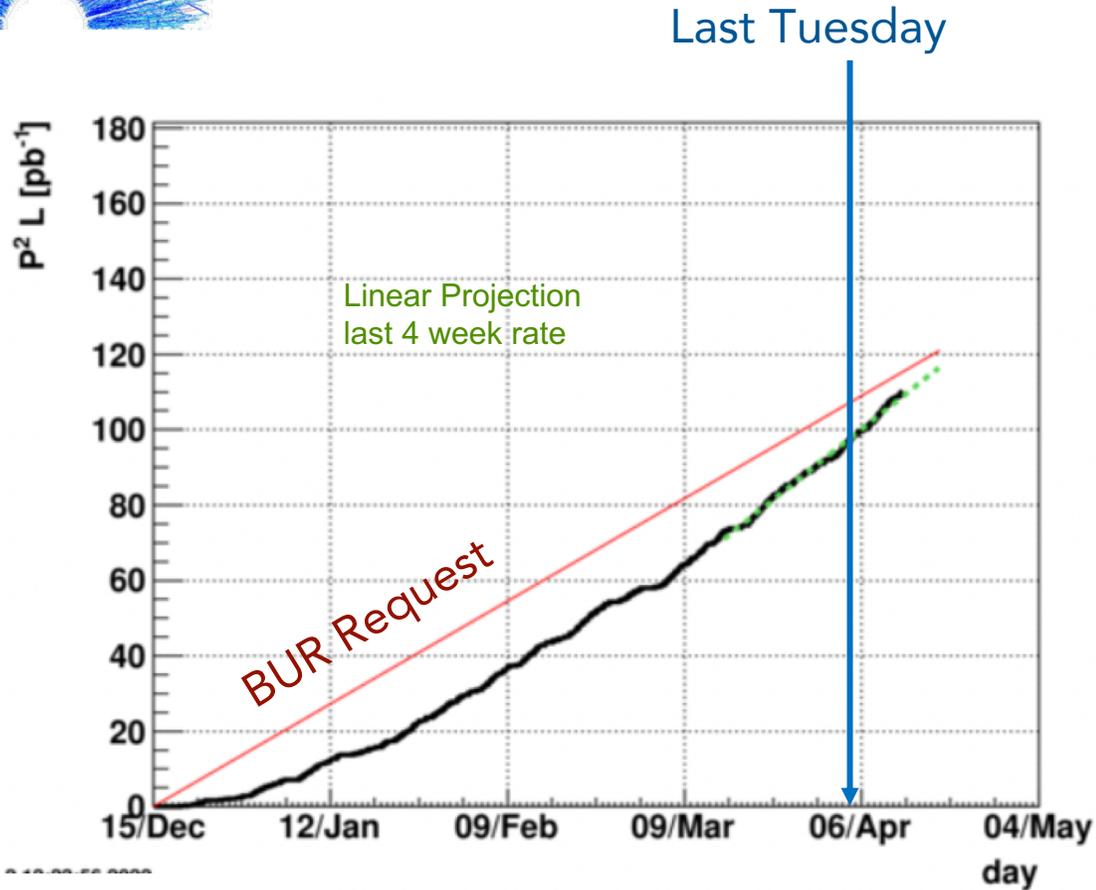


- Last Week (Previous week):
- Avg. DAQ hrs/day = 13.7 (11.8)
  - Avg. Samp. Lumi/day = 5.2 pb<sup>-1</sup>
  - Polarization ~55%





- BUR request  $P^2L = 120 \text{ pb}^{-1}$  (Statistics, shown below, are as of Monday Midnight)
- Currently at  $P^2L = 110 \text{ pb}^{-1}$ , 90% of BUR goal. 11  $\text{pb}^{-1}$  since last week in  $P^2L$ .
- Projection to reach  $P^2L = 118 \text{ pb}^{-1}$  by end of run



12 12:23:57 2022

FOM for other triggers the Central trigger BHT3 and the Forward trigger FCSDY look good also, with FCSDY reaching the goal already